

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 4, 2005, 21:00:47 ; Search time 520 Seconds
(without alignments)
1300.416 Million cell updates/sec

Title: us-09-486-094c-1

Perfect score: 110

Sequence: 1 aggtccgtgtgcaggcagat.....gaacgtgtgcaggtccgg 110

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 5706582 seqs, 3073711274 residues

Total number of hits satisfying chosen parameters: 11413164

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:*

1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*

2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq.*

3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq.*

4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq.*

5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq.*

6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq.*

7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq.*

8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*

9: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq.*

10: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq.*

11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq.*

12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq.*

13: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq.*

14: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq.*

15: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq.*

16: /cgn2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq.*

17: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq.*

18: /cgn2_6/ptodata/1/pubpna/US10F_PUBCOMB.seq.*

19: /cgn2_6/ptodata/1/pubpna/US10F_NEW_PUB.seq.*

20: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq.*

21: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*

22: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Score	Length	ID	Description
1	30.6	27.8	903	17	US-10-369-493-35131 Sequence 35131, A
2	30.6	27.8	912	17	US-10-369-493-38098 Sequence 38098, A
3	30.6	27.8	912	17	US-10-369-493-38261 Sequence 38261, A
4	30.6	27.8	912	17	US-10-369-493-38589 Sequence 38589, A
5	30.2	27.5	235033	15	US-10-301-844-1 Sequence 1, Appli
6	30.2	27.5	237326	15	US-10-301-844-2 Sequence 2, Appli
7	28.8	26.2	737	13	US-10-027-632-143917 Sequence 143917, A
8	28.8	26.2	737	13	US-10-027-632-143918 Sequence 143918, A
9	28.8	26.2	737	13	US-10-027-632-143919 Sequence 143919, A
10	28.8	26.2	737	17	US-10-027-632-143917 Sequence 143917, A
11	28.8	26.2	737	17	US-10-027-632-143918 Sequence 143918, A

RESULT 1

US-10-369-493-35131 ; Sequence 35131, Application US/10369493

; Publication No. US20030233675A1

; GENERAL INFORMATION:

; APPLICANT: Cao, Yongwei

; APPLICANT: Hinkle, Gregory J.

; APPLICANT: Slater, Steven C.

; APPLICANT: Goldman, Barry S.

; APPLICANT: Chen, Xianfeng

; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF PLANTS WITH IMPROVED PROPERTIES

; FILE REFERENCE: 38-10(52052)B

; CURRENT APPLICATION NUMBER: US/10369,493

; CURRENT FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: US 60/360,039

; PRIOR FILING DATE: 2002-02-21

; NUMBER OF SEQ ID NOS: 47374

; SEQ ID NO 35131

; LENGTH: 903

; TYPE: DNA

; ORGANISM: Agrobacterium tumefaciens

US-10-369-493-35131

Query Match	27.8%	Score 30.6;	DB 17;	Length 903;
Best Local Similarity	62.3%	Pred. No. 1.7;	Indels 0;	Gaps 0;
Matches	48;	Conservative 0;	Mismatch 29;	
Qy	29	GCAGGAGGAGGGTGGTGTCTACTACAAAGTGCCTACTACAGGCCATCTAGCTCGCGAAG	88	
Db	472	GAAGAGGCCAGGCGGATGCGACGCTTCTTTCCTTTCGCGCCTGAAGCGCTCGCGAAG	531	
Qy	89	GCAGAGCTGTTCGACGGA	105	

ALIGNMENTS

12	28.8	26.2	737	17	US-10-027-632-143919	Sequence 143919,
13	28.8	26.2	849	13	US-10-027-632-172797	Sequence 172797,
14	28.8	26.2	849	17	US-10-027-632-172797	Sequence 172797,
15	28.6	26.0	409	18	US-10-425-115-172118	Sequence 172118,
16	28.4	25.8	486	17	US-10-424-599-67062	Sequence 67062, A
17	28.4	25.8	752	18	US-10-425-115-44458	Sequence 44458, A
18	28.4	25.8	35100	9	US-09-782-378A-26	Sequence 26, Appli
19	28.4	25.8	35101	18	US-10-645-88A-6	Sequence 6, Appli
20	28.2	25.6	1301	18	US-10-425-115-54754	Sequence 54754, A
21	28	25.5	810	13	US-10-027-632-21445	Sequence 21445, A
22	28	25.5	810	17	US-10-027-632-21445	Sequence 21445, A
23	27.8	25.3	641	13	US-10-027-632-114003	Sequence 114003,
24	27.8	25.3	641	13	US-10-027-632-114004	Sequence 114004,
25	27.8	25.3	641	17	US-10-027-632-114003	Sequence 114003,
26	27.8	25.3	641	17	US-10-027-632-114004	Sequence 114004,
27	27.8	25.3	1117	18	US-10-437-963-37894	Sequence 37894, A
28	27.6	25.1	499	13	US-10-027-632-281052	Sequence 281052,
29	27.6	25.1	499	17	US-10-027-632-281052	Sequence 281052,
30	27.6	25.1	594	17	US-10-425-114-6838	Sequence 6838, Ap
31	27.6	25.1	1337	17	US-10-425-114-1744	Sequence 1744, Ap
32	27.6	25.1	1435	17	US-10-425-114-30353	Sequence 30353, A
33	27.6	25.1	1563	18	US-10-425-115-133358	Sequence 133358,
34	27.6	25.1	1579	18	US-10-425-115-133360	Sequence 133360,
35	27.6	25.1	11853	17	US-10-074-024-739	Sequence 739, App
36	27.4	24.9	828	17	US-10-260-238-5387	Sequence 5387, Ap
37	27.4	24.9	1263	17	US-10-425-115-34993	Sequence 34993, A
38	27.4	24.9	1282	18	US-10-425-115-164089	Sequence 164089,
39	27.2	24.7	193	9	US-09-864-761-21978	Sequence 21978, A
40	27.2	24.7	405	9	US-09-864-761-6167	Sequence 6167, Ap
41	27.2	24.7	592	13	US-10-027-632-126949	Sequence 126949,
42	27.2	24.7	592	17	US-10-027-632-126949	Sequence 126949,
43	27.2	24.7	656	13	US-10-027-632-105398	Sequence 105398,
44	27.2	24.7	656	17	US-10-027-632-105398	Sequence 105398,
45	27.2	24.7	729	13	US-10-027-632-126950	Sequence 126950,

Db . 532 GACAACTGTCGACGGA 548

RESULT 2

US-10-369-493-38098
; Sequence 38098, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 38098
; LENGTH: 912
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-10-369-493-38098

Query Match 27.8%; Score 30.6; DB 17; Length 912;
Best Local Similarity 62.3%; Pred. No. 1.7;
Matches 48; Conservative 0; Mismatches 29; Indels 0; Gaps 0;

QY 29 GCAGGAGGAGGGTGTCTACTACAAAGTGCCTAACAGGCCATCTGAGCTCGGCGAG 88
DB 481 GAAGAAGCCAGCGGATGCGACGCTTCTTGCCTTTGCGCGCTGAGCGGCTCGGCAAG 540
QY 89 GCGAACGTGTGACGGA 105
DB 541 GACAACTGTCGACGGA 557

RESULT 3

US-10-369-493-38261
; Sequence 38261, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 38261
; LENGTH: 912
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-10-369-493-38261

Query Match 27.8%; Score 30.6; DB 17; Length 912;
Best Local Similarity 62.3%; Pred. No. 1.7;
Matches 48; Conservative 0; Mismatches 29; Indels 0; Gaps 0;

QY 29 GCAGGAGGAGGGTGTCTACTACAAAGTGCCTAACAGGCCATCTGAGCTCGGCGAG 88
DB 481 GAAGAAGCCAGCGGATGCGACGCTTCTTGCCTTTGCGCGCTGAGCGGCTCGGCAAG 540
QY 89 GCGAACGTGTGACGGA 105

Db 541 GACAACTGTCGACGGA 557

RESULT 4

US-10-369-493-38589
; Sequence 38589, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 38589
; LENGTH: 912
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-10-369-493-38589

Query Match 27.8%; Score 30.6; DB 17; Length 912;
Best Local Similarity 62.3%; Pred. No. 1.7;
Matches 48; Conservative 0; Mismatches 29; Indels 0; Gaps 0;

QY 29 GCAGGAGGAGGGTGTCTACTACAAAGTGCCTAACAGGCCATCTGAGCTCGGCGAG 88
DB 481 GAAGAAGCCAGCGGATGCGACGCTTCTTGCCTTTGCGCGCTGAGCGGCTCGGCAAG 540
QY 89 GCGAACGTGTGACGGA 105
DB 541 GACAACTGTCGACGGA 557

RESULT 5

US-10-301-844-1
; Sequence 1, Application US/10301844
; Publication No. US20030100747A1
; GENERAL INFORMATION:
; APPLICANT: Ruddy, David A.
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pennie & Edmonds, LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASCSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,844
; FILING DATE: 20-NO. US20030100747A1-2002
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/852,495C
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M
; REGISTRATION NUMBER: 28,462

REFERENCE/DOCKET NUMBER: 8907-0057-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 235033 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-301-844-1

Query Match 27.5%; Score 30.2; DB 15; Length 235033;
Best Local Similarity 69.5%; Pred. No. 8;
Matches 41; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

QY 1 AGTCCGTGTCAGGAGATCAAGATCTGCAGGAGGAGGGTGGTCTACTACAAGTG 59
DB 192069 AGGACCATGAGCTTGGAGAGCATGAAGTACAGGAGGAGGGTGGTTTCAAATAAATCTG 192127

RESULT 6
US-10-301-844-2
; Sequence 2, Application US/10301844
; Publication No. US20030100747A1
; GENERAL INFORMATION:
; APPLICANT: Ruddy, David A.
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds, LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,844
; FILING DATE: 20-No. US20030100747A1-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/852,495C
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0057-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 237326 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-301-844-2

Query Match 27.5%; Score 30.2; DB 15; Length 237326;
Best Local Similarity 69.5%; Pred. No. 8;
Matches 41; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

QY 1 AGTCCGTGTCAGGAGATCAAGATCTGCAGGAGGAGGGTGGTCTACTACAAGTG 59
DB 194290 AGGACCATGAGCTTGGAGAGCATGAAGTACAGGAGGAGGGTGGTTTCAAATAAATCTG 194348

RESULT 7
US-10-027-632-143917
; Sequence 143917, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143917
; LENGTH: 737
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-143917

Query Match 26.2%; Score 28.8; DB 13; Length 737;
Best Local Similarity 60.8%; Pred. No. 6.7;
Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

QY 9 GTGCAGGAGATCAAGATCTGCAGGAGGAGGGTGGTCTACTACAAGTGCACTACAG 68
DB 64 GCGCCGCGAGAGCAGGAGTGGCTGGAGGAGCTGTGGTGGAGGAGGTGGCACRCAG 123

QY 69 GCATACCTAGCTC 82
DB 124 GGCCTGGAGGGCTC 137

RESULT 8
US-10-027-632-143918
; Sequence 143918, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358

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; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143918
; LENGTH: 737
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-143918

Query Match          26.2%; Score 28.8; DB 13; Length 737;
Best Local Similarity 60.8%; Pred. No. 6.7;
Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAGGCAGATCAAGATCTCCAGGAGGAGGGTGTGCTACTACAGTGCCTAACAG 68
Db 64 GCGCCGGCAGACGAGGAGTGGCTGGAGGAGCTGTGGTTGGAGCAGGAGGTGGCACRGCAG 123

Qy 69 GCCATCTGAGCTC 82
Db 124 GGCCTGGAGGCTC 137

RESULT 9
US-10-027-632-143919
; Sequence 143919, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143919
; LENGTH: 737
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-143919

Query Match          26.2%; Score 28.8; DB 13; Length 737;
Best Local Similarity 60.8%; Pred. No. 6.7;
Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAGGCAGATCAAGATCTCCAGGAGGAGGGTGTGCTACTACAGTGCCTAACAG 68
Db 64 GCGCCGGCAGACGAGGAGTGGCTGGAGGAGCTGTGGTTGGAGCAGGAGGTGGCACRGCAG 123

Qy 69 GCCATCTGAGCTC 82
Db 124 GGCCTGGAGGCTC 137

RESULT 10
US-10-027-632-143917
; Sequence 143917, Application US/10027632
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; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143917
; LENGTH: 737
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-143917

Query Match          26.2%; Score 28.8; DB 17; Length 737;
Best Local Similarity 60.8%; Pred. No. 6.7;
Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAGGCAGATCAAGATCTCCAGGAGGAGGGTGTGCTACTACAGTGCCTAACAG 68
Db 64 GCGCCGGCAGACGAGGAGTGGCTGGAGGAGCTGTGGTTGGAGCAGGAGGTGGCACRGCAG 123

Qy 69 GCCATCTGAGCTC 82
Db 124 GGCCTGGAGGCTC 137

RESULT 11
US-10-027-632-143918
; Sequence 143918, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143918
; LENGTH: 737
; TYPE: DNA
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; ORGANISM: Human
US-10-027-632-143918

Query Match      26.2%; Score 28.8; DB 17; Length 737;
Best Local Similarity 60.8%; Pred. No. 6.7;
Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAGGCAGATCAAGATCTGCAGGAGGGGTGTTGCTACTACAAAGTGCACTAACAG 68
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 64 GCGCCGCGAGCAGGAGGTGCTGCGAGGAGCTGTGGTGGAGCAGGAGGTGGCACRGCAG 123
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 69 GCCATCTGAGCTC 82
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 124 GGCCTGAGGGCTC 137
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 12
US-10-027-632-143919
; Sequence 143919, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2000-07-12
; PRIOR FILING DATE: 2000-04-20
; PRIOR FILING DATE: 2000-03-29
; PRIOR FILING DATE: 1999-11-23
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 143919
; LENGTH: 737
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-143919

Query Match      26.2%; Score 28.8; DB 17; Length 737;
Best Local Similarity 60.8%; Pred. No. 6.7;
Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAGGCAGATCAAGATCTGCAGGAGGGGTGTTGCTACTACAAAGTGCACTAACAG 68
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 64 GCGCCGCGAGCAGGAGGTGCTGCGAGGAGCTGTGGTGGAGCAGGAGGTGGCACRGCAG 123
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 69 GCCATCTGAGCTC 82
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 124 GGCCTGAGGGCTC 137
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 13
US-10-027-632-172797
; Sequence 172797, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2000-07-12
; PRIOR FILING DATE: 2000-04-20
; PRIOR FILING DATE: 2000-03-29
; PRIOR FILING DATE: 1999-11-23
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 172797
; LENGTH: 849
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-172797

Query Match      26.2%; Score 28.8; DB 17; Length 849;
Best Local Similarity 58.0%; Pred. No. 6.9;
Matches 51; Conservative 0; Mismatches 37; Indels 0; Gaps 0;

Qy 1 AGGTCGCGTGTGCAGGCAGATCAAGATCTGCAGGAGGGGTGTTGCTACTACAAAGTGC 60
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 703 AGCACAGTGGACACAGAGAGGAGGAGACACAGAGGATGGTTGTTACTCTTACTGGGGG 762
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 61 ACTAACAGGCCATCTAGCTCGCGAG 88
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 763 AAGCGAGAGCCACCGGAGGGCTGTGAG 790
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

RESULT 14
US-10-027-632-172797
; Sequence 172797, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2000-07-12
; PRIOR FILING DATE: 2000-04-20
; PRIOR FILING DATE: 2000-03-29
; PRIOR FILING DATE: 2000-02-24
; PRIOR FILING DATE: 1999-11-23
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 172797
; LENGTH: 849
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-172797

Query Match      26.2%; Score 28.8; DB 17; Length 849;
Best Local Similarity 58.0%; Pred. No. 6.9;
Matches 51; Conservative 0; Mismatches 37; Indels 0; Gaps 0;

Qy 1 AGGTCGCGTGTGCAGGCAGATCAAGATCTGCAGGAGGGGTGTTGCTACTACAAAGTGC 60
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 703 AGCACAGTGGACACAGAGAGGAGGAGACACAGAGGATGGTTGTTACTCTTACTGGGGG 762
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Qy 61 ACTAACAGGCCATCTAGCTCGCGAG 88
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 763 AAGCGAGAGCCACCGGAGGGCTGTGAG 790
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
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Db      703 AGGACAGTGGACACAGAGAGGAGGACACAGGAGGATGGGTTGTTACTTCTTACTGGGGG 762
Qy      61 ACTACAGGCCATCTACTGAGCTGGCGAG 88
Db      763 AAGGAGAGCCACCCGGAGGGCTGTGAG 790

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RESULT 15
US-10-425-115-172118
; Sequence 172118, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 172118
; LENGTH: 409
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(409)
; OTHER INFORMATION: unsure at all n locations
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_88554C.1
US-10-425-115-172118

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Query Match      26.0%; Score 28.6; DB 18; Length 409;
Best Local Similarity 56.5%; Pred. No. 6.9;
Matches 52; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

Qy      12 CAGGAGATCAAGATCTCGAGAGAGGGGTGTTGTTACTACTACAGTGCCTAACAGGCC 71
Db      304 CCGGAGCCCAAGCCCAAGATCGCGGGGCTGTGCTGCGGAGCGCTGGGCAACCT 363

Qy      72 ATACTGAGCTCGGAGCGGACGTCGTGACG 103
Db      364 NCACGGAGCTGGCGCAGACGCGTGTGACG 395

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Search completed: June 4, 2005, 22:50:08
Job time : 522 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 4, 2005, 18:49:57 ; Search time 128 Seconds
(without alignments)
1406.175 Million cell updates/sec

Title: US-09-486-094C-1

Perfect score: 110

Sequence: 1 aggtccgtgtgcaggcagat.....gaacgtgtgcagcgatccgg 110

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA:*

- 1: /cgn2_6/ptodata/1/ina/5A COMB.seq.*
- 2: /cgn2_6/ptodata/1/ina/5B COMB.seq.*
- 3: /cgn2_6/ptodata/1/ina/6A COMB.seq.*
- 4: /cgn2_6/ptodata/1/ina/6B COMB.seq.*
- 5: /cgn2_6/ptodata/1/ina/PCTUS COMB.seq.*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
c 1	35	31.8	87	4	US-09-554-024-9
c 2	35	31.8	98	4	US-09-554-024-3
c 3	33	30.0	197	4	US-09-554-024-5
c 4	30.2	27.5	246240	2	US-08-724-394A-20
c 5	30.2	27.5	246240	2	US-08-724-394A-21
c 6	30.2	27.5	246240	2	US-08-724-394A-22
c 7	28.4	25.8	35081	2	US-08-752-760A-1
c 8	28	25.5	4403765	3	US-09-103-840A-2
c 9	28	25.5	4411529	3	US-09-103-840A-1
c 10	27.6	25.1	15164	4	US-09-949-016-11759
c 11	27.6	25.1	15165	4	US-09-949-016-15664
c 12	27.4	24.9	5362	2	US-08-853-310-3
c 13	26.8	24.4	10434	4	US-09-949-016-12258
c 14	26.8	24.4	10435	4	US-09-949-016-14654
c 15	26.6	24.2	355	4	US-09-270-767-28921
c 16	26.6	24.2	983	4	US-09-270-767-13037
c 17	26.6	24.2	22287	4	US-09-949-016-16820
c 18	26.6	24.2	169998	3	US-09-676-610B-24
c 19	26.6	24.2	197496	4	US-09-877-177A-10
c 20	26.4	24.0	601	4	US-09-949-016-94890
c 21	26.4	24.0	601	4	US-09-949-016-94891
c 22	26.4	24.0	601	4	US-09-949-016-94906
c 23	26.4	24.0	601	4	US-09-949-016-94907
c 24	26.4	24.0	601	4	US-09-949-016-140041
c 25	26.4	24.0	601	4	US-09-949-016-140042
c 26	26.4	24.0	601	4	US-09-949-016-140057
c 27	26.4	24.0	601	4	US-09-949-016-140058

ALIGNMENTS

RESULT 1

US-09-554-024-9/c

; Sequence 9, Application US/09554024

; Patent No. 6770798

; GENERAL INFORMATION:

; APPLICANT: Freyssinet, Georges

; APPLICANT: Derose, Richard

; APPLICANT: Hoffman, Jules

; TITLE OF INVENTION: Gene Coding for Thanatin, Vector

; TITLE OF INVENTION: Containing Same and Resulting Transformed Disease-Resistant

; TITLE OF INVENTION: Plants

; FILE REFERENCE: A33207-PCT-USA

; CURRENT APPLICATION NUMBER: US/09/554,024

; CURRENT FILING DATE: 2000-05-08

; PRIOR APPLICATION NUMBER: PCT/FR98/02375

; PRIOR FILING DATE: 1998-11-06

; PRIOR APPLICATION NUMBER: FR 97/14,263

; PRIOR FILING DATE: 1997-11-07

; NUMBER OF SEQ ID NOS: 14

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 9

; LENGTH: 87

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide

US-09-554-024-9

Query Match 31.8%; Score 35; DB 4; Length 87;

Best Local Similarity 100.0%; Pred. No. 0.0096;

Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 76 TGAGTCGCGGAGCGAAGCTGTCGCGGATCCGG 110

Db 35 TGAGTCGCGGAGCGAAGCTGTCGCGGATCCGG 1

RESULT 2

US-09-554-024-3

; Sequence 3, Application US/09554024

; Patent No. 6770798

; GENERAL INFORMATION:

; APPLICANT: Freyssinet, Georges

; APPLICANT: Derose, Richard

; APPLICANT: Hoffman, Jules

; TITLE OF INVENTION: Gene Coding for Thanatin, Vector

; TITLE OF INVENTION: Containing Same and Resulting Transformed Disease-Resistant

; TITLE OF INVENTION: Plants

; FILE REFERENCE: A33207-PCT-USA

; CURRENT APPLICATION NUMBER: US/09/554,024

Sequence 11087, A
Sequence 10955, A
Sequence 14504, A
Sequence 14505, A
Sequence 15701, A
Sequence 15702, A
Sequence 13966, A
Sequence 30042, A
Sequence 15770, A
Sequence 15947, A
Sequence 12980, A
Sequence 124015,
Sequence 124016,
Sequence 8393, Ap
Sequence 880, App
Sequence 15238, A
Sequence 12111, A
Sequence 1076, Ap

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; CURRENT FILING DATE: 2000-05-08
; PRIOR APPLICATION NUMBER: PCT/FR98/02375
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: FR 97/14,263
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 98
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Derived from Psodius maculiventis
; NAME/KEY: CDS
; LOCATION: (1)...(63)
US-09-554-024-3

Query Match      31.8%; Score 35; DB 4; Length 98;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 76 TGAGTCGGCGAGGCGAAGCGTGTGACGCGATCCGG 110
Db 64 TGAGTCGGCGAGGCGAAGCGTGTGACGCGATCCGG 98

RESULT 3
US-09-554-024-5
; Sequence 5, Application US/09554024
; Patent No. 6770798
; GENERAL INFORMATION:
; APPLICANT: Freysinet, Georges
; APPLICANT: Derose, Richard
; APPLICANT: Hoffman, Jules
; TITLE OF INVENTION: Gene Coding for Thanatin, Vector
; TITLE OF INVENTION: Containing Same and Resulting Transformed Disease-Resistant
; TITLE OF INVENTION: Plants
; FILE REFERENCE: A33207-PCT-USA
; CURRENT APPLICATION NUMBER: US/09/554,024
; CURRENT FILING DATE: 2000-05-08
; PRIOR APPLICATION NUMBER: PCT/FR98/02375
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: FR 97/14,263
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 197
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Derived from Psodius maculiventis
; NAME/KEY: CDS
; LOCATION: (12)...(164)
US-09-554-024-5

Query Match      30.0%; Score 33; DB 4; Length 197;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 76 TGAGTCGGCGAGGCGAAGCGTGTGACGCGATCC 108
Db 165 TGAGTCGGCGAGGCGAAGCGTGTGACGCGATCC 197

RESULT 4
US-08-724-394A-20/c
; Sequence 20, Application US/08724394A
; Patent No. 5872237
; GENERAL INFORMATION:
; APPLICANT: Feder, John N.
; APPLICANT: Kronmal, Gregory S.
; APPLICANT: Lauer, Peter M.
; TITLE OF INVENTION: Sequences and Antibodies Thereto
```

```
; APPLICANT: Ruddy, David A.
; APPLICANT: Thomas, Winston
; APPLICANT: Tsuchihashi, Zenta
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
; TITLE OF INVENTION: Sequences and Antibodies Thereto
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/724,394A
; APPLICATION NUMBER: US/08/724,394A
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitts, Renee A.
; REGISTRATION NUMBER: 35,136
; REFERENCE/DOCKET NUMBER: 017957-000100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; TELEFAX: 415-576-0300
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 246240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..246240
; OTHER INFORMATION: /note= "HLA-H.CONTIG"
US-08-724-394A-20

Query Match      27.5%; Score 30.2; DB 2; Length 246240;
Best Local Similarity 69.5%; Pred. No. 7;
Matches 41; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

Qy 1 AGGTCCTGTCGAGGCGAGATCAAGATCTGCAGGAGGAGGGTGGTGTCTACTACAAGTG 59
Db 47382 AGGACCATGAGCTTGGAGAGCATGAGTACAGGAGGAGGGTGGTTTCAATAAATCTG 47324

RESULT 5
US-08-724-394A-21/c
; Sequence 21, Application US/08724394A
; Patent No. 5872237
; GENERAL INFORMATION:
; APPLICANT: Feder, John N.
; APPLICANT: Kronmal, Gregory S.
; APPLICANT: Lauer, Peter M.
; APPLICANT: Ruddy, David A.
; APPLICANT: Thomas, Winston
; APPLICANT: Tsuchihashi, Zenta
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
; TITLE OF INVENTION: Sequences and Antibodies Thereto
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
```



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; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/724,394A
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitts, Renee A.
; REGISTRATION NUMBER: 35,136
; REFERENCE/DOCKET NUMBER: 017957-000100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; TELEFAX: 415-576-0300
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 246240 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..246240
; OTHER INFORMATION: /note= "HLA-H.CONTIG"
US-08-724-394A-21

Query Match 27.5%; Score 30.2; DB 2; Length 246240;
Best Local Similarity 69.5%; Pred. No. 7;
Matches 41; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

QY 1 AGGTCGCTGTGCAGGAGATCAAGATCTGCAGGAGGAGGGTGGTCTACTACAAGTG 59
Db 47382 AGGACCATGAGCTTGGAGAGCATGAAGTACAGGAGGAGGGTGGTCTCAATAAATCTG 47324

RESULT 6
US-08-724-394A-22/c
; Sequence 22, Application US/08724394A
; Patent No. 5872237
; GENERAL INFORMATION:
; APPLICANT: Feder, John N.
; APPLICANT: Krommal, Gregory S.
; APPLICANT: Lauer, Peter M.
; APPLICANT: Ruddy, David A.
; APPLICANT: Thomas, Winston
; APPLICANT: Tsuchihashi, Zenta
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
; TITLE OF INVENTION: Sequences and Antibodies Thereto
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/724,394A
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitts, Renee A.
; REGISTRATION NUMBER: 35,136

US-08-724-760A-1/c
; Sequence 1, Application US/08752760A
; Patent No. 5877011
; GENERAL INFORMATION:
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Smith, Alan E.
; TITLE OF INVENTION: CHIMERIC ADENOVIRAL VECTORS
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Baker & Botts, L.L.P.
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: NY
; COUNTRY: U.S.A.
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/752,760A
; FILING DATE: 20-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Seide, Rochelle K
; REGISTRATION NUMBER: 32,300
; REFERENCE/DOCKET NUMBER: A31385
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-705-5000
; TELEFAX: 212-705-5020
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35081 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-752-760A-1

Query Match 25.8%; Score 28.4; DB 2; Length 35081;
Best Local Similarity 54.9%; Pred. No. 15;
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	Matches	55;	Conservative	0;	Mismatches	46;	Indels	0;	Gaps	0;
Qy	8	TGTCGAGCGCAGATCAAGATCTCGCAGGAGGAGGGTGGTTGCTACTACAAGTGCCTAAACA	67							
Db	30251	TGTGAAGTAGCTAAACAGTGTGAAGAGGGGTCGGGGAGGGGGCTCTTCTAAGTACTGAATCA	30192							
Qy	68	GGCCATACCTGAGCTCGGCGGAGCGCAACGTGTCTGACGGATCCG	109							
Db	30191	TGGGAACTCATTTCTCGGGAGGCGCGTGTGGTGTGGCG	30150							

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RESULT 8
US-09-103-840A-2
; Sequence 2, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; TITLE OF INVENTION: TUBERCULOSIS
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 4403765
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; OTHER INFORMATION: CDC 1551
; OTHER INFORMATION: "n" bases at various positions throughout the sequence
; OTHER INFORMATION: represent a, t, c or g
US-09-103-840A-2

```

[illegible]

```

RESULT 9
US-09-103-840A-1
; Sequence 1, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; TITLE OF INVENTION: TUBERCULOSIS
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 4411529
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; OTHER INFORMATION: H37Rv
US-09-103-840A-1

```

[illegible]

```

RESULT 10
US-09-949-016-11759
; Sequence 11759, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CU001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11759
; LENGTH: 15164
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-11759

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[illegible]

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RESULT 11
US-09-949-016-15664
; Sequence 15664, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENIER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLU01307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15664
; LENGTH: 15165
; TYPE: DNA

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; ORGANISM: Human
US-09-949-016-15664

Query Match      25.1%; Score 27.6; DB 4; Length 15165;
Best Local Similarity 63.6%; Pred. No. 22;
Matches 42; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

QY 27 CTCGAGGAGGAGGGTGGTCTACTACAAAGTGCACCTAAACAGGCCATTAAGTGGCG 86
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Db 2736 CTCGAGGATGAGGCTGGCTCTCGGCATGACCAACAGAGCGTGCACAGCTTAAGTCGGAG 2795

QY 87 AGCGCA 92
      |  ||
Db 2796 ACCTGA 2801

RESULT 12
US-08-853-310-3/c
; Sequence 3, Application US/08853310
; Patent No. 5948640
; GENERAL INFORMATION:
; APPLICANT: Randazzo, Filippo
; TITLE OF INVENTION: Mammalian Additional Sex Combs (Asx) Acts as a Tumor Suppress
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/853,310
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Guth, Joseph H.
; REGISTRATION NUMBER: 31,261
; REFERENCE/DOCKET NUMBER: 1228.003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 923-3888
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5362 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-853-310-3

Query Match      24.9%; Score 27.4; DB 2; Length 5362;
Best Local Similarity 75.6%; Pred. No. 18;
Matches 34; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 29 GCAGGAGGAGGGGTGGTGTCTACTACAAAGTGCACCTAAACAGGCCAT 73
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 957 GCAGGAGGAGGAGGTGCTGCTGGAAGTGTAGTGCAGGGCAT 913

RESULT 13
US-09-949-016-12258
; Sequence 12258, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12258
; LENGTH: 10434
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(10434)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-12258

Query Match      24.4%; Score 26.8; DB 4; Length 10434;
Best Local Similarity 73.9%; Pred. No. 36;
Matches 34; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 2 GGTCCGTGTCAGGCGACATCAAGATCTGCAGGAGGAGGGGTGGTTG 47
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 6507 GGTCACTGCGGAGGCGAGGGCAGGCGACTGCAGGAGGACAGGTGGCTG 6552

RESULT 14
US-09-949-016-14654
; Sequence 14654, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14654
; LENGTH: 10435
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(10435)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14654

Query Match      24.4%; Score 26.8; DB 4; Length 10435;
Best Local Similarity 73.9%; Pred. No. 36;
Matches 34; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 2 GGTCCGTGTCAGGCGACATCAAGATCTGCAGGAGGAGGGGTGGTTG 47
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 6507 GGTCACTGCGGAGGCGAGGGCAGGCGACTGCAGGAGGACAGGTGGCTG 6552

RESULT 15
US-09-270-767-28921
; Sequence 28921, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
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09/486/094

APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28921
; LENGTH: 355
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-28921

Query Match 24.2%; Score 26.6; DB 4; Length 355;
Best Local Similarity 53.3%; Pred.No.13;
Matches 56; Conservative 0; Mismatches 49; Indels 0; Gaps 0;
QY 6 CGTGTGCGAGGAGATCAAGATCTGCAGGAGGGGGTGGTTGCTACTACAAGTGCCTAA 65
DB 196 CGGTGCAACAACATCACCACCAGCAGCAGCGGTGGTGCAGCAACATTACACAG 255
QY 66 CAGGCCATCTGAGCTCGCGGAGGCGAACGTGTGACCGGATCCGG 110
DB 256 CGCCGGATTCCCGCCAGTTGCAGATACACAGCCGAGCAAGCGG 300

Search completed: June 4, 2005, 21:21:07
Job time : 139 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 3, 2005, 01:22:14 ; Search time 137 Seconds
(without alignments)
63.080 Million cell updates/sec

Title: US-09-486-094C-2

Perfect score: 148

Sequence: 1 RSVCRQIKICRRGGCYKCTNRPY 25

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1465611 seqs, 345679903 residues

Total number of hits satisfying chosen parameters: 1465611

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Published Applications AA:*

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10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*

11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*

12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*

13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*

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15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*

16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep.*

17: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*

18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*

19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*

20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	148	100.0	25	17 US-10-884-355A-49	Sequence 49, Appl
2	62	41.9	718	16 US-10-437-963-137499	Sequence 137499,
3	57.5	38.9	1574	10 US-09-825-751A-77	Sequence 77, Appl
4	57.5	38.9	2695	15 US-10-015-115-14	Sequence 14, Appl
5	57.5	38.9	2757	15 US-10-015-115-16	Sequence 16, Appl
6	57.5	38.9	2844	15 US-10-015-115-8	Sequence 8, Appl
7	57.5	38.9	2845	15 US-10-015-115-12	Sequence 12, Appl
8	57.5	38.9	2877	15 US-10-015-115-10	Sequence 10, Appl
9	57.5	38.9	2995	15 US-10-015-115-6	Sequence 6, Appl
10	56	37.8	762	16 US-10-437-963-153687	Sequence 153687,
11	55.5	37.5	290	16 US-10-363-829-289	Sequence 289, App
12	54.5	36.8	34	14 US-10-252-734-81	Sequence 81, Appl
13	54	36.5	49	15 US-10-204-342-11	Sequence 11, Appl

14	53	35.8	49	15	US-10-204-342-10	Sequence 10, Appl
15	52	35.1	466	16	US-10-437-963-155311	Sequence 155311,
16	52	35.1	19723	15	US-10-084-846A-5	Sequence 5, Appl
17	51.5	34.8	956	15	US-10-004-378A-76	Sequence 76, Appl
18	51.5	34.8	956	15	US-10-004-378A-77	Sequence 77, Appl
19	51.5	34.8	967	16	US-10-322-696-69	Sequence 69, Appl
20	51	34.5	171	16	US-10-437-963-164298	Sequence 164298,
21	51	34.5	216	17	US-10-732-923-16158	Sequence 16158, A
22	50.5	34.1	735	9	US-09-898-570-10	Sequence 10, Appl
23	50.5	34.1	735	10	US-09-839-446-10	Sequence 12, Appl
24	50.5	34.1	845	9	US-09-898-570-12	Sequence 12, Appl
25	50.5	34.1	845	10	US-09-839-446-12	Sequence 12, Appl
26	50.5	34.1	880	15	US-10-104-047-2834	Sequence 2834, Ap
27	50.5	34.1	897	14	US-10-239-663-35	Sequence 35, Appl
28	50.5	34.1	897	16	US-10-470-390A-12	Sequence 12, Appl
29	50.5	34.1	914	15	US-10-406-073-6	Sequence 6, Appl
30	50.5	34.1	939	16	US-10-480-172-22	Sequence 22, Appl
31	50.5	34.1	974	9	US-09-898-570-14	Sequence 14, Appl
32	50.5	34.1	974	10	US-09-839-446-14	Sequence 14, Appl
33	50.5	34.1	993	14	US-10-239-663-36	Sequence 36, Appl
34	50.5	34.1	993	15	US-10-406-073-8	Sequence 8, Appl
35	50.5	34.1	993	15	US-10-406-073-15	Sequence 15, Appl
36	50.5	34.1	993	16	US-10-480-172-21	Sequence 21, Appl
37	50.5	34.1	1006	11	US-09-930-512-18	Sequence 18, Appl
38	50.5	34.1	1009	9	US-09-898-570-16	Sequence 16, Appl
39	50.5	34.1	1009	10	US-09-839-446-16	Sequence 16, Appl
40	50.5	34.1	1009	16	US-10-480-172-20	Sequence 20, Appl
41	50	33.8	77	14	US-10-029-386-34021	Sequence 34021, A
42	50	33.8	124	15	US-10-424-598-223727	Sequence 223727,
43	50	33.8	222	15	US-10-424-598-242304	Sequence 242304,
44	50	33.8	516	16	US-10-857-942-4	Sequence 4, Appl
45	50	33.8	527	15	US-10-369-493-17411	Sequence 17411, A

ALIGNMENTS

RESULT 1

US-10-884-355A-49

; Sequence 49, Application US/10884355A

; Publication No. US20050058689A1

; GENERAL INFORMATION:

; APPLICANT: Reactive Surfaces, Ltd.

; TITLE OF INVENTION: Antifungal Paints and Coatings

; FILE REFERENCE: RACT-00400

; CURRENT APPLICATION NUMBER: US/10/884,355A

; CURRENT FILING DATE: 2004-07-02

; PRIOR APPLICATION NUMBER: 60/485,234

; PRIOR FILING DATE: 2003-07-03

; NUMBER OF SEQ ID NOS: 199

; SOFTWARE: Patentin version 3.3

; SEQ ID NO 49

; LENGTH: 25

; TYPE: PRT

; ORGANISM: Androctonus australis

US-10-884-355A-49

Query Match 100.0%; Score 148; DB 17; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.1e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSVCRQIKICRRGGCYKCTNRPY 25

Db 1 RSVCRQIKICRRGGCYKCTNRPY 25

RESULT 2

US-10-437-963-137499

; Sequence 137499, Application US/10437963

; Publication No. US20040123343A1

; GENERAL INFORMATION:

; APPLICANT: La Rosa, Thomas J.

; APPLICANT: Kovalic, David K.

```
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-211532211B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 137499
; LENGTH: 718
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_38978C.1.pep
US-10-437-963-137499

Query Match      41.9%; Score 62; DB 16; Length 718;
Best Local Similarity 47.6%; Pred. No. 7.6;
Matches 10; Conservative 3; Mismatches 8; Indels 0; Gaps 0;

Qy      4 CRQIKICRRGGCYKCTNRP 24
Db      334 CQDIDECKLAGRCYGCNTP 354

RESULT 3
US-09-825-751A-77
; Sequence 77, Application US/09825751A
; Publication No. US20030065140A1
; GENERAL INFORMATION:
; APPLICANT: CuraGen Corporation
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Taupier, Raymond J
; APPLICANT: Quinn, Kerry E
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Rastelli, Luca
; APPLICANT: Herrman, John L
; TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-750
; CURRENT APPLICATION NUMBER: US/09/825,751A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: 60/194,314
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 60/225,693
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 77
; LENGTH: 1574
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-09-825-751A-77

Query Match      38.9%; Score 57.5; DB 10; Length 1574;
Best Local Similarity 40.9%; Pred. No. 57;
Matches 9; Conservative 4; Mismatches 8; Indels 1; Gaps 1;

Qy      4 CRQIKICR-RRGGCYKCTNRP 24
Db      162 CQDVDECRHNGGCHRCVNTP 183

RESULT 4
US-10-015-115-14
; Sequence 14, Application US/10015115
; Publication No. US20030207800A1
; GENERAL INFORMATION:
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zernhusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesha
; APPLICANT: Gangolli, Esha A
; APPLICANT: Shimkets, Richard A
; APPLICANT: Taupier, Raymond J
; APPLICANT: Li, Li
; APPLICANT: Padigar, Muralidhara
; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
; FILE REFERENCE: 21402-211
; CURRENT APPLICATION NUMBER: US/10/015,115
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: 60/248,153
; PRIOR FILING DATE: 2000-11-13
```

```
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zernhusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesha
; APPLICANT: Gangolli, Esha A
; APPLICANT: Shimkets, Richard A
; APPLICANT: Taupier, Raymond J
; APPLICANT: Li, Li
; APPLICANT: Padigar, Muralidhara
; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
; FILE REFERENCE: 21402-211
; CURRENT APPLICATION NUMBER: US/10/015,115
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: 60/248,153
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: 60/249,598
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/264,240
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/266,127
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/269,562
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 60/304,348
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/309,261
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/313,283
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 14
; LENGTH: 2695
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-115-14

Query Match      38.9%; Score 57.5; DB 15; Length 2695;
Best Local Similarity 45.5%; Pred. No. 91;
Matches 10; Conservative 3; Mismatches 8; Indels 1; Gaps 1;

Qy      4 CRQIKICR-RRGGCYKCTNRP 24
Db      2465 CQEVDECAGRRGCGSCANTP 2486

RESULT 5
US-10-015-115-16
; Sequence 16, Application US/10015115
; Publication No. US20030207800A1
; GENERAL INFORMATION:
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zernhusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesha
; APPLICANT: Gangolli, Esha A
; APPLICANT: Shimkets, Richard A
; APPLICANT: Taupier, Raymond J
; APPLICANT: Li, Li
; APPLICANT: Padigar, Muralidhara
; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
; FILE REFERENCE: 21402-211
; CURRENT APPLICATION NUMBER: US/10/015,115
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: 60/248,153
; PRIOR FILING DATE: 2000-11-13
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Query Match      38.9%; Score 57.5; DB 15; Length 2845;
Best Local Similarity 45.5%; Pred. No. 96;
Matches 10; Conservative 3; Mismatches 8; Indels 1;

QY      4 CROIKICR-RRGGCYKCTNRP 24
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Db      2615 CQEVDECAGRRGPCSYSCANTP 2636

RESULT 8
US-10-015-115-10
; Sequence 10, Application US/10015115
; Publication No. US20030207800A1
; GENERAL INFORMATION:

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; APPLICANT: Malvankar, Uriel M
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zethusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesha
; APPLICANT: Gangolli, Esha A
; APPLICANT: Shimkets, Richard A
; APPLICANT: Taupier, Raymond J
; APPLICANT: Li, Li
; APPLICANT: Padigar, Muralidhara
; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
; TITLE OF INVENTION: Using the Same
; FILE REFERENCE: 21402-211
; CURRENT APPLICATION NUMBER: US/10/015,115
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: 60/248,153
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: 60/249,598
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/264,240
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/266,127
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/269,562
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 60/304,348
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/309,261
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/313,283
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 2877
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (49)
; OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
; OTHER INFORMATION: specification.
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (98)
; OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
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; NAME/KEY: VARIANT
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; OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
; OTHER INFORMATION: specification.
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (106)
; OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
; OTHER INFORMATION: specification.
; US-10-015-115-6

Query Match 38.9%; Score 57.5; DB 15; Length 2877;
Best Local Similarity 45.5%; Pred. No. 97;
Matches 10; Conservative 3; Mismatches 8; Indels 1; Gaps 1;

Qy 4 CROIKICR-RRGGCYKCTNRP 24
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Db 2647 CQVDECAGRRGPCSYSCANTP 2668

RESULT 9
US-10-015-115-6
; Sequence 6, Application US/10015115
; Publication No. US20030207800A1
; GENERAL INFORMATION:
; APPLICANT: Malvankar, Uriel M
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zethusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesha
; APPLICANT: Gangolli, Esha A
; APPLICANT: Shimkets, Richard A
; APPLICANT: Taupier, Raymond J
; APPLICANT: Li, Li
; APPLICANT: Padigar, Muralidhara
; TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
; TITLE OF INVENTION: Using the Same
; FILE REFERENCE: 21402-211
; CURRENT APPLICATION NUMBER: US/10/015,115
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: 60/248,153
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; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: 60/249,598
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/264,240
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/266,127
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/269,562
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 60/304,348
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/309,261
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/313,283
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 2995
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (49)
; OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
; OTHER INFORMATION: specification.
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (98)
; OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
; OTHER INFORMATION: specification.
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; LOCATION: (104)
; OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the
; OTHER INFORMATION: specification.
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; OTHER INFORMATION: specification.
; US-10-015-115-6

Query Match 38.9%; Score 57.5; DB 15; Length 2995;
Best Local Similarity 45.5%; Pred. No. 1e+02;
Matches 10; Conservative 3; Mismatches 8; Indels 1; Gaps 1;

Qy 4 CROIKICR-RRGGCYKCTNRP 24
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Db 2765 CQVDECAGRRGPCSYSCANTP 2786

RESULT 10
US-10-437-963-153687
; Sequence 153687, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 153687
; LENGTH: 762
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Query Match	37.5%;	Score 55.5;	DB 16;	Length 290;
Best Local Similarity	45.5%;	Pred. No. 24;		

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 3, 2005, 01:12:23 ; Search time 41 Seconds
(without alignments)
45.518 Million cell updates/sec

Title: US-09-486-094C-2

Perfect score: 148

Sequence: 1 RSVCRQIKICRRGGCYKCTNRPY 25

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents AA:*
- 1: /cgn2_6/ptodata/1/iaa/5A COMB.pep.*
 - 2: /cgn2_6/ptodata/1/iaa/5B COMB.pep.*
 - 3: /cgn2_6/ptodata/1/iaa/6A COMB.pep.*
 - 4: /cgn2_6/ptodata/1/iaa/6B COMB.pep.*
 - 5: /cgn2_6/ptodata/1/iaa/PTCUS COMB.pep.*
 - 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	141	95.3	25	3	US-09-125-234-1
2	97	65.5	125	3	US-09-125-234-2
3	54	36.5	129	4	US-09-270-767-35232
4	54	36.5	129	4	US-09-270-767-50449
5	54	36.5	250	4	US-09-248-796A-19737
6	51.5	34.8	956	2	US-08-897-443-3
7	51	34.5	111	4	US-09-640-211A-966
8	51	34.5	113	4	US-09-640-211A-2273
9	51	34.5	194	4	US-09-252-991A-21199
10	50	33.8	395	4	US-09-252-991A-28738
11	49	33.1	37	4	US-09-732-210-514
12	49	33.1	37	4	US-09-732-210-518
13	48.5	32.8	638	2	US-08-897-443-1
14	48.5	32.8	956	4	US-09-949-016-6215
15	48.5	32.8	963	4	US-09-949-016-11519
16	48.5	32.8	963	4	US-09-949-016-11520
17	48	32.4	37	4	US-09-732-210-506
18	48	32.4	37	4	US-09-732-210-517
19	48	32.4	37	4	US-09-732-210-594
20	48	32.4	214	1	US-08-033-797-3
21	48	32.4	214	1	US-08-472-265-3
22	48	32.4	214	1	US-08-472-263-3
23	47.5	32.1	178	4	US-09-148-545-161
24	47.5	32.1	997	4	US-09-747-371-3
25	47	31.8	37	4	US-09-732-210-513
26	47	31.8	37	4	US-09-732-210-977
27	47	31.8	822	4	US-09-252-991A-23250

28	46.5	31.4	34	4	US-09-125-811-1	Sequence 1, Appli
29	46.5	31.4	999	4	US-09-747-371-2	Sequence 2, Appli
30	46	31.1	37	4	US-09-732-210-992	Sequence 992, App
31	46	31.1	101	4	US-09-621-976-5784	Sequence 5784, Ap
32	46	31.1	286	4	US-09-270-767-41569	Sequence 41569, A
33	45.5	30.7	325	4	US-09-949-016-11467	Sequence 11467, A
34	45.5	30.7	325	4	US-09-949-016-11468	Sequence 11468, A
35	45.5	30.7	352	4	US-09-949-016-8273	Sequence 8273, Ap
36	45.5	30.7	352	4	US-09-949-016-8274	Sequence 8274, Ap
37	45.5	30.7	387	2	US-08-884-072-5	Sequence 5, Appli
38	45.5	30.7	387	2	US-08-833-963C-9	Sequence 9, Appli
39	45.5	30.7	387	3	US-08-980-514-3	Sequence 3, Appli
40	45.5	30.7	387	3	US-09-212-168-5	Sequence 5, Appli
41	45.5	30.7	387	4	US-09-409-096-2	Sequence 2, Appli
42	45.5	30.7	488	1	US-08-243-542-1	Sequence 1, Appli
43	45.5	30.7	488	1	US-08-477-407-1	Sequence 1, Appli
44	45.5	30.7	488	1	US-08-484-355-1	Sequence 1, Appli
45	45.5	30.7	493	4	US-09-322-357-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-09-125-234-1
; Sequence 1, Application US/09125234A
; Patent No. 6127336
; GENERAL INFORMATION:
; APPLICANT: Bulet, Philippe
; APPLICANT: Hetru, Charles
; APPLICANT: Hoffmann, Jules
; APPLICANT: Sabatier, Laurence
; TITLE OF INVENTION: ANTIFUNGAL AND ANTIBACTERIAL PEPTIDES
; FILE REFERENCE: 31913-PCT-USA
; CURRENT APPLICATION NUMBER: US/09/125,234A
; CURRENT FILING DATE: 1998-11-16
; EARLIER APPLICATION NUMBER: 96/02168
; EARLIER FILING DATE: 1996-02-16
; EARLIER APPLICATION NUMBER: PCT/FR97/00295
; EARLIER FILING DATE: 1997-02-17
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 25
; TYPE: PRT
; ORGANISM: Androctonus australis
US-09-125-234-1

Query Match 95.3%; Score 141; DB 3; Length 25;
Best Local Similarity 96.0%; Pred. No. 1.5e-11;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 RSVCRQIKICRRGGCYKCTNRPY 25
Db 1 RSVCRQIKICRRGGCYKCTNRPY 25

RESULT 2
US-09-125-234-2
; Sequence 2, Application US/09125234A
; Patent No. 6127336
; GENERAL INFORMATION:
; APPLICANT: Bulet, Philippe
; APPLICANT: Hetru, Charles
; APPLICANT: Hoffmann, Jules
; APPLICANT: Sabatier, Laurence
; TITLE OF INVENTION: ANTIFUNGAL AND ANTIBACTERIAL PEPTIDES
; FILE REFERENCE: 31913-PCT-USA
; CURRENT APPLICATION NUMBER: US/09/125,234A
; CURRENT FILING DATE: 1998-11-16
; EARLIER APPLICATION NUMBER: 96/02168
; EARLIER FILING DATE: 1996-02-16
; EARLIER APPLICATION NUMBER: PCT/FR97/00295

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; EARLIER FILING DATE: 1997-02-17
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 25
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: (4)...(4)
; NAME/KEY: UNSURE
; LOCATION: (10)...(10)
; NAME/KEY: UNSURE
; LOCATION: (16)...(16)
; NAME/KEY: UNSURE
; LOCATION: (20)...(20)
US-09-125-234-2
Query Match      65.5%; Score 97; DB 3; Length 25;
Best Local Similarity 83.3%; Pred. No. 5.9e-06; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 4;

Qy 1 RSVCRQIKICRRGGCYKCTNRP 24
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Db 1 RSVCRQIKICRRGGCYKCTNRP 24

RESULT 3
US-09-270-767-35232
; Sequence 35232, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 35232
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-35232
Query Match      36.5%; Score 54; DB 4; Length 129;
Best Local Similarity 50.0%; Pred. No. 7.6;
Matches 8; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 10 CRRRGCGCYKCTNRP 25
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Db 109 CVRRPSCLYRCLHRPH 124

RESULT 4
US-09-270-767-50449
; Sequence 50449, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 50449
; LENGTH: 129
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-50449
Query Match      36.5%; Score 54; DB 4; Length 129;
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Best Local Similarity 50.0%; Pred. No. 7.6;
Matches 8; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 10 CRRRGCGCYKCTNRP 25
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Db 109 CVRRPSCLYRCLHRPH 124

RESULT 5
US-09-248-796A-19737
; Sequence 19737, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 19737
; LENGTH: 250
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-19737
Query Match      36.5%; Score 54; DB 4; Length 250;
Best Local Similarity 50.0%; Pred. No. 14;
Matches 9; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

Qy 8 KICRRGGCGCYKCTNRP 25
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Db 30 KWARPPARCYRYCKNKP 47

RESULT 6
US-08-897-443-3
; Sequence 3, Application US/08897443
; Patent No. 5981263
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Lal, Preeti
; APPLICANT: Corley, Neil C.
; APPLICANT: Shah, Purvi
; APPLICANT: Kaser, Mathew
; TITLE OF INVENTION: HUMAN MATRILIN-3
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/897,443
; FILING DATE: Filed Herewith
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0348 US
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TYPE: PRT

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: LENGTH: 956

TYPE: PRT

ORGANISM: Human

US-09-949-016-6215

Query Match 32.8%; Score 48.5; DB 4; Length 956;
Best Local Similarity 34.8%; Pred. NO. 2.4e+02;
Matches 8; Conservative 5; Mismatches 9; Indels 1; Gaps 1;

Qy 1 RSVCRQIKICR-RRGGCYKCTN 22
: ||: | : ||: |
Db 397 KKTERRINYCALNKPGEHECVN 419

RESULT 15

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RECORD 13
US-09-949-016-11519
; Sequence 11519, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 11519
; LENGTH: 963
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11519

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Query Match 32.8%; Score 48.5; DB 4; Length 963;
Best Local Similarity 34.8%; Pred. No. 2.4e+02;
Matches 8; Conservative 5; Mismatches 9; Indels 1; Gaps 1;

Qy 1 RSVCRQIKICR-RRGGCYKCTN 22
: ||: | | : || : | |
Dp 438 KKTCCRINVCALNKPGEHECVN 460

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